

Clearview Landfill Leachate Collection Pond Construction Support- Regional District of Bulkley Nechako
Clearview Sub-regional Landfill
Trace Project No. 700-133-00

Component of Work	Item No.	Item	Payment Description	UOM	Total Quantity	Unit Price	Total Cost
General & Site Preparation	101	Mobilization and Demobilization		LS	1		\$ -
	102	Surveys		LS	1		\$ -
	103	Health and Safety, Permits, and Documentation		LS	1		\$ -
	104	Site Preparation	Includes all labour, materials, and equipment necessary to clear, grub, proof-roll, and prepare the area for excavation and fill placement.	m ²	3,640		\$ -
	105	Pond excavation (cut)	Approximate volume based on January 2025 survey data merged with July 2025 Survey Data and approximated underneath pond area. Includes all labour, materials, and equipment necessary for the excavation of the pond material to be removed, and compaction and proof roll of the area where material was excavated.	m ³	3,912		\$ -
	106	Pond fill/berm (fill)	Approximate volume based on January 2025 survey data merged with July 2025 Survey Data and approximated underneath pond area. Includes all labour, materials, and equipment necessary for the placement, installation, compaction, proof-roll of the pond berm fill material.	m ³	2,209		\$ -
Composite Liner System	107	Pond anchor trench	Includes all labour, materials, and equipment necessary for excavation of the 1.0m by 1.0m anchor trench, backfill, and compaction.	m	191		\$ -
	108	Secondary HDPE geomembrane	Includes all labour, materials, and equipment necessary for supplying, installing, and joining the 2.0 mm (80-mil), white-top, textured, conductive-backed Secondary HDPE geomembranes. Measurement will be by survey from the inside edge of any anchor trenches. Overlap and geomembrane within anchor trenches are incidental and will not be measured separately.	m ²	2,678		\$ -
	109	Triplanar Geocomposite	Includes all labour, materials, and equipment necessary for supplying, installing, and joining the 300-mil triplanar geocomposite (SolDrain). Measurement will be by survey from the inside edge of any anchor trenches. Overlap and geocomposite within anchor trenches are incidental and will not be measured separately.	m ²	2,678		\$ -
	110	Primary HDPE geomembrane	Includes all labour, materials, and equipment necessary for supplying, installing, and joining the 2.0 mm (80-mil), white-top, textured, conductive-backed Primary HDPE geomembranes. Measurement will be by survey from the inside edge of any anchor trenches. Overlap and geomembrane within anchor trenches are incidental and will not be measured separately.	m ²	2,678		\$ -
	111	Sacrificial geomembrane sheets	Includes all labour, materials, and equipment necessary for supplying, installing, and joining the 2.0 mm (80-mil), white-top, textured, conductive-backed sacrificial HDPE geomembranes.	m ²	70		\$ -
	112	Electrical leak location (ELL)	Includes all labour, materials, and equipment necessary for conducting the leak location surveys on the Primary and Secondary HDPE Geomembrane Liners, completing all repairs and retesting.	LS	1		\$ -
Pond Crest Road & Appurtenances	112	Non-woven geotextile (under pond road)	Includes all labour, materials, and equipment necessary for supplying and installing the 8 oz non-woven geotextile underneath the pond road.	m ²	800		\$ -
	113	Pond Road subbase	Includes all labour, materials, and equipment necessary for supplying 0.15 m thick road subbase along the pond berm.	m ³	90		\$ -
	114	Pond Road base	Includes all labour, materials, and equipment necessary for supplying 0.15 m thick road base along the pond berm.	m ³	90		\$ -
	115	Reinforced concrete pad	Includes all labour, materials, and equipment necessary for supplying and installing the reinforced concrete pad along pond berm crest.	LS	1		\$ -
Spillway & Protection	116	Spillway riprap (Class 10)	Includes all labour, materials, and equipment necessary for excavating the spillway and supplying and installing the Class 10 riprap.	m ³	40		\$ -
	117	Spillway geotextile	Includes all labour, materials, and equipment necessary for supplying and installing the 16 oz non-woven geotextile underneath the riprap spillway.	m ²	127		\$ -
	118	Sump excavation & riprap backfill	Includes all labour, materials, and equipment necessary for the excavation of the sump, and for supplying and installing the riprap backfill.	LS	1		\$ -
Pond Inlet & Outlet	119	1.6 m Ø HDPE manhole	Includes all labour, materials, and equipment necessary for the excavation and backfill, and for supplying and installing the HDPE Manhole and associated appurtenances and fittings.	ea	1		\$ -
	120	Manhole gravel base	Includes all labour, materials, and equipment necessary for supplying and installing the 200 mm thick 25mm Minus Gravel Material under the manhole base.	m ³	1		\$ -
	121	200 mm SS gate valve with stem extension	Includes all labour, materials, and equipment necessary for the excavation and backfill, and for supplying and installing the valves, stem extensions, appurtenances, fittings, and PVC valve chambers.	ea	2		\$ -
	122	Pipe Inlet Penetration	Includes all labour, materials, and equipment necessary for the excavation and backfill, and for supplying and installing the concrete, HDPE plate, non-perforated HDPE pipe, pipe boot, plate skirt, pipe boot skirt, stainless steel band, neoprene gasket, and cap strip.	LS	1		\$ -
	123	Leak Detection Standpipe Liner Boot	Includes all labour, materials, and equipment necessary for supplying, installing and joining the pipe boot, pipe boot skirt, stainless steel band, and neoprene gasket.	ea	1		\$ -
	124	25 mm HDPE DR17 Standpipe	Includes all labour, materials, and equipment necessary for supplying, installing and joining the leak detection standpipe with 6mm perforations at the end and 300mm up the side slope.	m	12		\$ -
	125	300 mm HDPE outlet/extraction assembly- with 15mm Perforations	Includes all labour, materials, and equipment necessary for supplying, installing and joining 300 mm HDPE perforated extraction pipe. This item will also include the supply and installation of all parts and supplies such as fittings, tees, elbow, HDPE electrofusion end cap, etc., as required.	m	7		\$ -
	126	300 mm HDPE outlet/extraction assembly- Non Perforated	Includes all labour, materials, and equipment necessary for supplying, installing and joining 300 mm HDPE non-perforated extraction pipe. This item will also include the supply and installation of all parts and supplies such as fittings, tees, elbow, etc., as required.	m	6		\$ -
	127	Stainless Steel hold-down clamps (PTP HD-1)	Includes all labour, materials, and equipment necessary for supplying and installing stainless steel hold-down clamps.	ea	2		\$ -
Leachate Collection System (Phase 1 to Pond)	128	200 mm HDPE DR11 perforated pipe	Includes all labour, materials, and equipment necessary for excavating trench, supplying, installing, and joining the 200 mm HDPE perforated pipe. This item will also include the supply and installation of all parts and supplies such as fittings, tees, elbow, etc., as required.	m	105		\$ -
	129	Rounded 20–50 mm Drain rock Pipe Surround	Includes all labour, materials, and equipment necessary for supplying and installing the rounded 20–50 mm Drain rock pipe surround.	m ³	42		\$ -
	130	8 oz Non-Woven Geotextile Wrap	Includes all labour, materials, and equipment necessary for supplying and installing the 8 oz non-woven geotextile around drain rock pipe surround.	m ²	273		\$ -
	131	Hydrated bentonite plug	Includes all labour, materials, and equipment necessary for supplying and installing the hydrated bentonite plug.	LS	1		\$ -
	132	200 mm HDPE DR11 non-perf (plug to MH to Pond)	Includes all labour, materials, and equipment necessary for excavating trench, supplying, installing, and joining the 200 mm HDPE non-perforated pipe and backfill of the trench. This item will also include the supply and installation of all parts and supplies such as fittings, tees, elbow, electrofusion couplers, etc., as required.	m	60		\$ -
TOTAL COST							\$ -